

MAX684EUA+

MAX684EUA+ Information



For Reference Only

Part Number	MAX684EUA+
Manufacturer	Maxim Integrated
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators
Description	IC REG SWTCHD CAP 5V 50MA 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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MAX684EUA+ Specifications

ManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-FunctionStep-UpOutput ConfigurationStep-UpPoologyCharge PumpOutput TypeFixedVoltage - Input (Min)1Voltage - Input (Max)5.VVoltage - Output (Min/Fixed)5.VVoltage - Output (Min/Fixed)5.VVoltage - Output (Max)-Current - Output5.VAVoltage - Switching5.VAVoltage - Switching5.VAVoltage - Output (Max)-Synchronous RectifierNoSynchronous RectifierNoOperating Temperature4.0°C ~85°C (TA)Package / Case8.TSSOP, 8-MSOP (0.118", 3.00mm Width)			
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-FunctionStep-UpDutput ConfigurationBositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)5.5VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Max)-Current - OutputSomASynchronous RectifierNoOperating Temperature40°C ~ 85°C (TA)Voltage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Manufacturer Part Number	MAX684EUA+	
PMIC - Voltage Regulators - DC DC Switching RegulatorsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-FunctionStep-UpDutput ConfigurationPositiveTopologyCharge PumpDutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Min/Fixed)5VSynchronous RectifierNoSynchronous RectifierNoOperating Temperature40°C ~ 85°C (TA)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Manufacturer	Maxim Integrated	
Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-FunctionStep-UpOutput ConfigurationPositiveTopologyCharge PumpDutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Input (Min/Fixed)5.5VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)5.0MACurrent - Output50mASynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Category	Integrated Circuits (ICs)	
Series-FunctionStep-UpOutput ConfigurationPositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Input (Min/Fixed)5.5VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)5.VVoltage - Output (Min/Fixed)50mACurrent - Output50mASynchronous RectifierNoOperating Temperature40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX		PMIC - Voltage Regulators - DC DC Switching Regulators	
FunctionStep-UpOutput ConfigurationPositivePopologyCharge PumpOutput TypeFixedOutput Type1Number of Outputs1Voltage - Input (Min)2.7VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Min/Fixed)5.VVoltage - Output (Max)-Current - Output50mAFrequency - Switching50kHz ~ 2MHzSynchronous RectifierNoOutput Type40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	
Output ConfigurationPositiveTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output50mASynchronous RectifierSokHz ~ 2MHzSynchronous RectifierSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Series	-	
FopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output50mAFrequency - Switching50kHz ~ 2MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Function	Step-Up	
Output TypeFixedNumber of Outputs1Voltage - Input (Min)2.7VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output50mAFrequency - Switching50kHz ~ 2MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Output Configuration	Positive	
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Voltage - Input (Min)2.7VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output50mACurrent - Output50kHz ~ 2MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Output Type	Fixed	
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output50mAFrequency - Switching50kHz ~ 2MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Number of Outputs	1	
Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Current - Output50mAFrequency - Switching50kHz ~ 2MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Voltage - Input (Min)	2.7V	
Voltage - Output (Max)-Current - Output50mAFrequency - Switching50kHz ~ 2MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Voltage - Input (Max)	5.5V	
Current - Output50mAFrequency - Switching50kHz ~ 2MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Voltage - Output (Min/Fixed)	5V	
Frequency - Switching50kHz ~ 2MHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Voltage - Output (Max)	-	
Synchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Current - Output	50mA	
Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Frequency - Switching	$50 \text{kHz} \sim 2 \text{MHz}$	
Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Synchronous Rectifier	No	
Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-uMAX	Operating Temperature	-40°C ~ 85°C (TA)	
Supplier Device Package 8-uMAX	Mounting Type	Surface Mount	
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	
Report errors?	Supplier Device Package	8-uMAX	
		Report	errors?

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Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

SERVICE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

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